

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number DCKA-2007-B-0078	Page of Pages 1 54	
2. Amendment/Modification Number 3		3. Effective Date 3/29/2007	4. Requisition/Purchase Request No.	5. Solicitation Caption South Cap Street Near Term Impv.	
6. Issued By: District Department of Transportation Office of Contracting and Procurement 2000 14th Street, NW, 6th Floor Washington, DC 20009			7. Administered By (If other than line 6) Department of Public Works Office of Contracting and Procurement Reeves Center, 3rd Floor 2000 14th Street, NW Washington, DC 20009		
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. DCKA-2007-B-0078	
				9B. Dated (See Item 11) 3/7/2007	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code	Facility				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to: (Specify Authority)					
The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.) A CONTRACT AMENDMENT IS NECESSARY TO MODIFY SPECIAL PROVISIONS (SP) AND OTHER ITEMS OF THE SOLICITATION AS FOLLOWS: <u>PAY ITEM SCHEDULE</u> DELETE Pay Item Schedule, pages 1-38 and REPLACE with attached Pay Item Schedule, pages 1R-38R. <u>SPECIFICATIONS</u> ADD THE FOLLOWING: CPM SCHEDULING - see attached. SEE ATTACHED MODIFICATIONS TO ROADWAY SPECIAL PROVISIONS AND PEDESTRIAN SPECIAL PROVISIONS. <u>APPENDICES</u> CONTRACT PLANS - SEE ATTACHED <u>PRE-BID AND EMAIL QUESTIONS AND RESPONSES</u> Please see attached responses to questions raised in the pre-bid conference on March 21, 2007 and email requests.					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Jerry M. Carter		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed 3/29/2007
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

Government of the District of Columbia
DC Department of Transportation
Office of Contracting and Procurement
2000 14th Street, NW
Washington, DC 20009

AMENDMENT NO. 3

ISSUED: 03/29/07

54 PAGE(S)

INVITATION NO.: DCKA-2007-B-0078

PROJECT TITLE: SOUTH CAPITOL STREET NEAR-TERM IMPROVEMENTS
– VOLUME I-ROADWAY, VOLUME II-PEDESTRIAN

FAP NOS.: NH-1501 (036) AND NH-1501 (040)

BIDDERS shall acknowledge receipt of this addendum on official Bid Form. Failure to do so may result in rejection of your bid.

CURRENT BID OPENING DATE: April 9, 2007

BIDDERS are informed that the above named project is modified as follows:

**RESPONSES TO QUESTIONS RAISED AT PRE BID CONFERENCE ON 03/21/07
AND EMAILS RECEIVED**

Questions from Ft. Myer Construction Corp

1. If some of the work items, such as asphalt placement, pavement markings, and landscaping elements can not be installed due to weather constraints or other items outside the control of the Contractor, clarify what will constitute substantial completion of the project to avoid liquidated damages?

Response: *Substantial Completion is the entire roadway system is open to traffic and all sidewalks and electrical work are complete and accepted by DDOT.*

2. The Design-Build Special Provisions note that “the salient characteristic of the Project are defined and/or illustrated as part of the 30% Plans or the Performance Specifications.” The Special Provision 101 goes on to state the basic configuration elements may include the following: plan locations, proposed pipe sizes, invert elevations, types of pipes, types of manholes, and profiles of utility upgrade work. Then the Special Provision goes on to say that the technical solution elements do not necessarily reflect the final locations and

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quantities. What is the Contractor supposed to use to estimate the lump sum item, especially:

- Since there is insufficient time allotted before the bid is due to work with a Designer to advance the Preliminary Design – a clear basis for bidding this item must be defined?
- Is the Contractor to use the layout, sizes, quantities, and configurations as shown on the drawings for pipes and manholes as the bidding basis?
- How will design changes made by WASA be handled during the contract?

Response: *The utility upgrade plans and profiles (30% Plans – Sheets 312 thru 332 of Volume I) included in the bid documents represent the extent of the proposed upgrade work as required and coordinated with DCWASA, contain the items required under this utility upgrade work and are the basis for the design-build lump sum bid items. The bidders shall include a listing of unit costs for each work item (SP page 117) so that any additional work or design changes requested by WASA or DDOT that are not included in the 30% upgrade plans can be paid for on a unit cost basis. This does not include contractor's modifications to the design-build plans to accommodate field conditions or construction methods.*

3. The Special Provision states that the removal of contaminated items and soils are part of the Contractor's responsibility under the Lump Sum Design-Build Item. Consider removing this work and creating a separate pay item. There were numerous tanks and areas of contaminated soils found around the baseball stadium, and this can not be estimated prior to the bid.

Response: *In the Special Provisions, Volume I, Page 106, under Contractor Responsibilities, Item 8, delete “, including any contaminated items and soil,” between “...construction debris” and “as the result...”*

4. What is the Designer's & DDOT's anticipated construction start date for the water & sewer work? Based upon the Design-Build effort required, along with the required 4 submittals with a 2-week turnaround period each, completion and approval may not be granted until September 2007, potentially leaving insufficient time to construct the entire project by the current completion date. Please clarify the intent and reconsider the number or submittals, turn around time and project completion date.

Response: *The plan review submittal requirements for this Design-Build upgrade work will remain as identified in the solicitation requiring reviews at the Concept, 60%, 90% and 100% design levels. Any requests for changes to the schedule or submittal requirements shall be submitted to WASA after the project is awarded and will be subject to DDOT and WASA approval. The bidder should note that the design concept as provided has been reviewed and approved by DCWASA.*

5. Clarify the intent of the statement on Page 117 of the Special Provisions that state “The Contractor's bid documents shall include a listing of unit costs of each work item so proper

adjustments can be made to the Contractor's payments for as-built conditions". The Pay Item for the Design-Build work is lump sum. Why and how does the Contractor submit this information with their bid?

Response: *The listing of unit costs for each work item (SP page 117) shall be in a format similar to the bid forms and shall include standard DDOT bid items and units and the unit costs shall represent all work under that item to meet the requirements of the specified WASA and DDOT Specifications. These unit costs are required so that any additional work or design changes requested by WASA or DDOT that are not included in the 30% upgrade plans can be paid for on a unit cost basis. This does not include contractor's modifications to the design-build plans to accommodate field conditions or construction methods.*

6. Pay Item 202 009 contains requirement for removing creosoted wood ties and contaminated soil. Payment item unit is Linear Foot, but how will area of contaminated soil be estimated and measured?

Response: *[(Length of track x 10' width x 3' depth)/27] of Contaminated Soil is incidental to pay item 202 009 and no separate Items will be provided.*

7. There is a Special Provision Item 205 009 "Special Demolition" that is not shown on the Bid Form – clarify the intent for this item.

Response: *This lump sum item has been added with this addendum.*

8. The Payment Unit for Items 608 025 and 608 027 are shown as Square Yard on Bid Form, but Square Foot in Special Provisions – please clarify.

Response: *The correct unit for these items is "Square Yard", the Special Provision has been modified with this addendum.*

9. Item 609 200 / 609 204 "PCC Wheelchair/Bicycle Ramp – New Construction" is shown as Item 609 200 with a unit of Each in the Bid Form, but shown as Item 609 204 with a unit of Square Yard in the Special Provisions – please clarify.

Response: *The unit for Item 609200, PCC Wheelchair/Bicycle Ramp – New Construction and Item 609202, PCC Wheelchair/Bicycle Ramp – Existing Construction is "Each"; the unit for Item 609201, Detectable Warning Pavers on Existing Sidewalk Ramps is "SY". The Special Provisions for these items have been modified with this addendum.*

Questions from Lane Construction Corp.

1. For the approximately 254 existing utilities whose location is indicated on the storm drain

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pipe profiles, but whose depth is not, are we to assume that they are all above or below the new facilities being installed that cross them?

Response: Numerous utility test holes have been performed on existing utilities. These test hole certification forms are available for viewing at DDOT's offices at 64 New York Ave, NE. The locations of utilities are approximate and are shown from available records and utility designations. The contractor is responsible for verifying the locations of all existing utilities and protecting, maintaining and supporting the utilities to remain during construction. See Utility Notes on Sheet 5 of Vol. I, Near Term Improvements (General Notes)

2. Can utilities designated as "to be abandoned" or "not in use" be removed if they conflict with the installation of the new components of the contract?

Response: Yes, see DDOT Standard Specifications (Blue Book).

3. Is anything other than WASA approval needed for the sanitary and watermain design?

Response: WASA and DDOT review is required for acceptance.

4. Are any computations needed to support the sanitary and watermain design?

Response: Computations are not required for capacity or pipe sizing; the overall design is already supported with design computations. If the contractor proposes any changes, then computations shall be required.

5. What will be considered substantial completion?

Response: Substantial Completion is the entire roadway system is open to traffic and all sidewalks and electrical work are complete and accepted by DDOT.

6. Since final paving will certainly fall into a cold weather period, will asphalt paving temperature requirements be waived?

Response: Contractor is required to comply with DDOT Standard Specifications (Blue Book).

Questions from Commercial Lighting Sales, Inc.

1. Specification Volume I Page 77 - Twin 20 / Steel Cast Iron Post
The spec says "All cast components shall be made of either cast iron or cast aluminum."
Will cast aluminum be acceptable for the cast components?

Response: Cast iron shall be required.

2. Specification Volume II Page 62 - Twin 20 / Steel Cast Iron Post
The spec says "All cast components shall be made of either cast iron or cast aluminum."
Will cast aluminum be acceptable for the cast components?

Response: *Cast iron shall be required.*

3. Has it been determined that the glass prismatic refractor will fit into the standard #16 casing?

Response: *Acrylic prismatic globes will be accepted at the Engineer's discretion.*

Additional Question from Lane Construction Corp.:

Question: The specifications for the above referenced project do not address which Performance Graded Asphalt Binder is required in the Superpave asphalt items. Could you please clarify which PG Binders will be required in the asphalt base mixes and the asphalt surface mixes?

Response: *PG 70-22 for both Binders and Surfaces for this project*

VOLUMES I AND II

WMATA REQUIREMENTS - WMATA requires railroad protective liability insurance for work within 50 feet of WMATA's Right-of-Way.

Please reference page 158 on the link listed below:

[HTTP://www.wmata.com/bus2bus/jd/adj_construction_manual.pdf](http://www.wmata.com/bus2bus/jd/adj_construction_manual.pdf)

PAY ITEM SCHEDULE

DELETE the Pay Item Schedule Pages 1- 38 and REPLACE with the attached Pay Item Schedule Pages 1R – 38R.

SPECIFICATIONS

ADD the following Special Provision:

CPM SCHEDULING

This S.P. supplements 108.03.

Under 108.03 (A), second paragraph, first sentence, replace “4 weeks” with “2 weeks”.

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Under 108.03(B), add the following:

1.1— Critical Path Progress Schedules.

1.1.01 – Pre-Construction Scheduling Conference.

The Contractor shall schedule and conduct a Pre-Construction Scheduling Conference. Mandatory attendees include the Contractor's Project Manager and Construction Scheduler and the Engineer. This conference shall be scheduled within 10 working days after the Bidder has received the Contract for execution. At this meeting, the requirements of the Special Provisions regarding scheduling will be reviewed with the Contractor.

At the Pre-Construction Scheduling Conference, the Contractor shall furnish a Preliminary Baseline Schedule as discussed in Section 1.1.02 and be prepared to discuss both its proposed methodologies for fulfilling the scheduling requirements and its sequence of operations. In this meeting, the Contractor shall also supply to the Engineer a copy of the Contractor's proposed Primavera activity code dictionary that will be utilized in the sorting of the activities into phases of work, areas of work, types of work, etc.

At the Pre-Construction Scheduling Conference, the Contractor shall be prepared to discuss the requirements for all off-site material testing and submittals applicable to the Contract, discuss their respective preparation, and review durations.

1.1.02 – Preliminary Baseline Schedule

The Preliminary Baseline Schedule shall use the Critical Path Method, and indicate all major activities of work required under the Contract, from commencement of the work to completion of the work. These activities shall be detailed significantly small enough to communicate the Contractor's understanding of the construction sequencing and phasing of the project. For each major activity, the Contractor shall indicate the amount of time necessary to perform the activity and the anticipated beginning and completion date of each activity. In addition, the Preliminary Baseline Schedule shall indicate the sequence of performing each major activity and the logical dependencies and inter-relationships among the activities.

The Preliminary Baseline Schedule shall include all submittals and required offsite material testing required by the Contract. Furthermore, the schedule shall include activities for the Engineer's review, with the corresponding allowable period of days specified in the contract, for each submittal and offsite testing activity.

The Engineer will be allowed 5 working days to review the Preliminary Baseline Schedule and to provide comments regarding it. The Preliminary Baseline Schedule does not require the Engineer's acceptance, but all comments from the Engineer with respect to the Preliminary Baseline Schedule shall be incorporated within the Baseline Schedule. Re-submittal of the Preliminary Baseline Schedule is not required. Further, late review of the Preliminary Baseline Schedule by the Engineer shall not restrain the Contractor's submittal of the Baseline Schedule. No site disturbance shall be allowed until the Engineer has reviewed and commented on the Preliminary Baseline Schedule, or the 5-day review period has elapsed.

1.1.03 – Baseline Schedule

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Within 15 calendar days of the Notice to Proceed, the Contractor shall submit to the Engineer a Baseline Schedule, which shall incorporate any and all comments provided by the Engineer regarding the Preliminary Baseline Schedule. The Baseline Schedule shall have a data date of the effective date of the Notice to Proceed and shall not include any work prior to that date. The Baseline Schedule shall be accompanied by a Baseline Schedule Narrative as described in Section 1.1.07.1.

The Baseline Schedule shall depict how the Contractor plans to complete the work of the Contract and shall show all those activities that defines the Critical Path. The scheduled time for each activity shall be reasonable, depicting a realistic time to perform the activity. The Baseline Schedule shall provide for the adequate planning of the project, as well as the Engineer's monitoring and evaluation of progress and analysis of time impacts. The Contractor shall not attribute any negative float to any activity depicted on the Baseline Schedule. The Engineer will be allowed 7 calendar days to review and approve the Contractor's submittal of the Baseline Schedule. Should the Engineer reject the Contractor's submittal of the Baseline Schedule, the Contractor shall resubmit a revised schedule within 5 working days of receipt of the Engineer's review comments, at which time a new 7 calendar day review period by the Engineer will begin.

1.1.04 – General Requirements Regarding Schedules

The Baseline Schedule and all schedules submitted thereafter by the Contractor shall comply with the following requirements.

All schedules shall be created, updated and provided to the owner in the most current version of Primavera Project Planner (P3) and shall comply with (1) any and all interim target dates and/or milestones specified by the Contract; (2) all constraints, restraints or sequences specified by the Contract; and (3) the Contract Completion Date.

All schedules shall identify, at a minimum, the following activities:

- Identification of utility relocations and interfaces as separate activities, including activity description and responsibility coding that identifies the type of utility and the name of the utility company involved.
- Identification of all tests, submission of test reports, and approval of test results required under the Contract.
- Identification of Punchlist and final clean up required by the Contractor to complete the work. The Contractor shall designate not more than 15 days for the Contractor's performance of Punchlist and final clean-up activities.
- Identification of any manpower, material, or equipment restrictions, as well as the specific identification of any activity requiring unusual shift work, such as double shifts, 6-day weeks, specified overtime, or work at times other than regular days or hours.

Each activity depicting the Contractor's operations at the work site shall have duration of not more than 15 working days and not less than 1 day unless permitted otherwise by the Engineer. All activities shown in the schedule, with the exception of the first and last activities, shall have a minimum of one predecessor and a minimum of one successor activity.

The Schedule shall be resource loaded, indicating resource allocations for each type of labor craft and each equipment class with respect to each and every activity indicated in the schedule. The resource loading shall include sufficient labor and equipment to properly execute the activity with respect to the Original Duration depicted in the Schedule. The Contractor shall optimize and level labor to reflect a reasonable plan for accomplishing the work of the Contract and to assure that resources are not duplicated in concurrent activities.

For each activity in the network, the Contractor shall determine the contract value of the work activity. Administrative activities, Owner activities and milestones shall have an assigned cost of zero. The summation of the costs of all activities shall be equal to the cost of the project, or the Contractor's approved bid for the construction of the project. These costs are to be incorporated into the Primavera Schedule and the anticipated daily earnings computed for both early and late starts. These earnings are to be graphically displayed in a time-cost chart ("S" curve).

Float shall not be considered as time for the exclusive use of or benefit of either the Owner or the Contractor but shall be considered as a jointly owned, expiring resource available to the project and shall not be used to the financial detriment of either party. Any schedule, including the Baseline Schedule and all updates thereto, showing an early completion date shall show the time between the forecast completion date and the Contract Completion Date as "project float".

In connection with the submittal of the Baseline Schedule and all updates thereto, the Contractor shall require all of its subcontractors to submit in writing a statement certifying that the subcontractor has concurred with the schedule and that the subcontractor's related schedule has been incorporated accurately, including the duration of activities and labor and equipment resource loading.

The Engineer's acceptance of a Contractor schedule shall not constitute a change of any portion of the Contract. Failure of the Contractor to include any element of work required by the Contract in its schedules shall not relieve the Contractor from completing the work within the time limit specified for completion of the Contract. If the Contractor fails to define any element of work, activity or logic, and the omission or error is discovered by either the Contractor or the Engineer, it shall be corrected by the Contractor in regard to the next monthly update or revision of the schedule.

Should the Baseline Schedule or any update thereto show variances from the scheduling requirements of the Contract, the Contractor shall make specific mention of the variations in the letter of transmittal, in order that, if accepted, proper adjustments to the project schedule can be made. Notwithstanding the foregoing, the Contractor will not be relieved of the responsibility for completing all work required by the Contract.

In the event that the Baseline Schedule, or any updates or revisions, show completion occurring prior to the Completion Date and/or interim milestones, the Contractor must demonstrate to the Engineer that the schedule is reasonable, practical and achievable. Moreover, it is expressly understood and agreed that (1) the Contractor shall have no claim against the Owner for delay, disruption, hindrance, or other impact based on any early completion indicated in the Contractor's schedule(s); (2) a delay is critical if and only if to the extent that the delay extends the completion of the entire work to a date that is beyond the contractually specified date for full completion of the work, regardless of the Contractor's planned early completion; and (3) the contract price includes full compensation for all time-related costs

associated with the Contractor working at the project site for the full duration of the time set forth in the Contract, even if the Contractor represents that the Contractor plans to fully finish the work in less than the time established by the Contract for full completion of the work.

The Contractor shall not incorporate any changes or delays to the work in the Baseline Schedule and in all schedules submitted thereafter without the Engineer's approval.

The submittal of all schedules shall also be accompanied by computer-generated mathematical analysis tabular reports for all activities included in the network diagrams. The tabular reports (8 1/2" x 11" size) shall consist of a report detailing the following:

- 1) Activity number and description;
- 2) Activity Codes Line
- 3) Original, and remaining durations;
- 4) Earliest start date (by calendar date);
- 5) Earliest finish date (by calendar date);
- 6) Actual start date (by calendar date);
- 7) Actual finish date (by calendar date);
- 8) Latest start date (by calendar date);
- 9) Latest finish date (by calendar date);
- 10) Identify activity calendar ID;
- 11) Total Float
- 12) Percentage of activity complete and remaining duration for incomplete activities;
- 13) Detailed Predecessor and;
- 14) Detailed Successor.
- 15) Resources assigned to each activity
- 16) Cost associated with each activity.

Unless otherwise specifically noted elsewhere in these Special Provisions, network diagrams and the tabular reports shall be submitted to the Engineer in the following quantities:

- 1) 4 sets of the network diagrams on reduced-size (11" x 17") sheets;
- 2) 4 copies of all tabular reports (8 1/2" x 11" size);
- 3) 4 copies of the "S" curve; and
- 4) 2 copies of electronic files of the Primavera data and the schedule narrative report on CD-ROM.

1.1.05 – Weekly Progress Meetings

The Engineer and the Contractor shall hold weekly progress meetings to discuss, among other things, (1) the near-term schedule activities; (2) the current status of as-Built documentation, RFI's, Contractor Daily Reports, Quality Control, submittals, correspondence, and Contract Change Orders; and (3) Jobsite safety, cleanup, traffic control, and coordination issues. Furthermore, the meeting shall address any long-term schedule issues discussion of any relevant technical issues. The Contractor shall develop a look-ahead schedule identifying the previous week; current week and a 2-week look ahead. The Contractor's look-ahead schedules shall provide sufficient detail to address all activities to be performed and to identify issues requiring Owner action or input. Twenty-four hours prior to the weekly progress

meetings, the Contractor shall furnish the look-ahead schedule in hard copy and electronic format to the Engineer for review.

No later than 2 days prior to the Weekly Progress Meeting, the Contractor shall furnish a list of critical items relating to the look-ahead schedule. During the meeting the parties will jointly determine whether additional items need to be listed, the priority of items, the parties responsible for resolving the critical item and the scheduled resolution date. The updated list will be distributed with the weekly meeting minutes. Nothing herein shall be construed to excuse the Contractor's obligation to timely provide either a Notice of Delay or a Notice of Potential Claim.

1.1.06 – Bi-Weekly Update Schedules

Bi-Weekly Update Schedule. The Contractor shall regularly update the approved Baseline Schedule to reflect the current status of the project. On the day following the estimate cut-off date, the Contractor shall submit a Bi-Weekly Update Schedule to the Engineer. The update shall include all information available and status of the project as of the estimate cut-off date, or such other date as established by the Engineer.

All Bi-Weekly Update Schedules shall incorporate all changes previously approved by the Engineer.

Each Bi-Weekly Update Schedule shall reflect all as-built activities performed as of the effective date of the update schedule. The Bi-Weekly Update Schedule shall include the period from the last update to the effective date and for the remainder of the project. The current period's activities shall be reported as they actually took place. In the updated schedule, the Contractor shall indicate the actual dates that activities were started, completed, or split. Ongoing activities shall have an indication of the percent complete and the remaining duration to complete such activities.

Portions of the schedule on which activities are complete need not be reprinted and submitted in subsequent updates. However, the electronic file of the submitted Bi-Weekly Update Schedule and the related reports shall constitute a clear record of the actual progress of the work from the effective date of the Notice to Proceed to the effective date of the update, as well as the projected future work up to final completion of the project.

The Bi-Weekly Update Schedule, and any other relevant information available, will be used to determine the effect of any contemplated or actual changes or delays to the work.

1.1.07 – Schedule Narrative Reports

Schedule Narrative Reports. The Contractor shall also prepare Schedule Narrative Reports, which are to be submitted to the Engineer concurrently with each CPM submittal.

1.1.07.1 – Baseline Narrative Report. The Baseline Schedule Narrative Report shall describe, in a narrative fashion, the logic of the schedule. It shall identify the critical path and other areas of schedule delay risk. The narrative shall include a listing of all decision/approval points in the schedule.

1.1.07.2 – Progress Narrative Reports. The Progress Narrative Report shall describe the physical progress of work performed by the Contractor during the report period. In addition, the report shall indicate the Contractor's plans for continuing the work during the forthcoming report period, actions

planned to correct any negative float, and any delays or problems and their estimated impact on the contract completion date for the project. In addition, the Contractor shall include for consideration by the Engineer alternatives for possible schedule recovery to mitigate any potential delay. The report shall follow the outline set forth below:

- 1) Contractor's Transmittal Letter.
- 2) Work completed during the report period, including the labor craft and equipment class resources employed to complete the work identified during the report period.
- 3) Description of the current critical path of the schedule.
- 4) List of any and all delayed activities.
- 5) Status of the Contract Interim Milestone and Contract Completion Dates.
 - a) On schedule
 - b) Ahead of schedule and number of days
 - c) Behind schedule and number of days
- 6) Listing of any changes to the schedule activities or logic

Narrative reports containing non-factual, subjective statements, judgments or opinions, which appear to assign responsibility or to make conclusions as to excusability, responsibility, or compensability for delays shall be cause for rejection of the narrative report.

On a Bi-Weekly basis, and on a date to be determined by the Engineer, the Contractor shall meet with the Engineer to review the Bi-Weekly Update Schedule and the Schedule Narrative Report. The Engineer will be allowed 15 working days after the meeting to review and accept or reject the Bi-Weekly Update Schedule and the Schedule Narrative Report. Rejected schedules and/or reports shall be revised and resubmitted to the Engineer within ten working days, at which time a new ten working day review period by the Engineer will begin. All efforts shall be made between the Engineer and the Contractor to complete the review and the approval process prior to the cut-off date for the next update schedule. To expedite the process, a second meeting between the Engineer and the Contractor shall be held, as determined to be necessary by the Engineer.

1.1.8 – Schedule Revisions

1.1.8.1 – Contractor Proposed Revisions. Once the Baseline Schedule is accepted, the Contractor shall not make any revisions to the schedule without first obtaining the approval of the Engineer.

Possible revisions to the Baseline Schedule include, but are not limited to, changes to the logic and sequence of the activities depicted in the schedule; changes to the duration of a particular activity; and addition or deletion of activities to be included with the schedule.

The Contractor's request to revise the approved Baseline Schedule shall be made in writing. The request shall set forth the reasons for the change and the proposed revisions to the activities, logic and duration of the approved schedule. In addition, the Contractor shall submit a schedule analysis showing the effect of the revisions on the entire project. The analysis shall include the following:

- An updated schedule that does not include the proposed revisions. The schedule shall have a data date just prior to implementing the proposed revisions, and the schedule shall indicate the current contract completion date;

- A revised schedule that includes the proposed revisions. The schedule shall have the same data date as the updated schedule, and the schedule shall indicate the current contract completion date;
- A narrative explanation of the revisions and their impact to the schedule, including any revised resource allocations for the activities depicted in the two schedules; and
- Computer files of the updated and revised schedules, on duplicate sets of CD-ROMS.

The Engineer will be allowed 15 working days to consider the Contractor's request for revision to the approved schedule. Should the Engineer provide his acceptance of the proposed revision, the Contractor shall incorporate the revision into the next Bi-Weekly update of the schedule. However, if the Engineer does not accept the proposed revision, the Contractor shall not make any change to the schedule.

The above provisions shall not be construed as a limitation on the Contractor's obligation to accurately reflect the as-built progress of the work with respect to each Bi-Weekly Update Schedule. It is expressly understood and agreed that the term "revisions", as used herein shall refer to changes to the schedule with respect to work that will be prospectively performed up to completion of the project.

1.1.8.2 – Engineer Required Revisions. Within 15 working days of the Engineer's request, the Contractor shall submit a revised schedule whenever the Engineer determines that there is a significant change in the Contractor's operations that affects the Critical Path;

1.1.9 – Payment

CPM Scheduling shall not be measured and paid separately, but will be considered subsidiary to other items of the work.

The Owner will retain an amount equal to 25 percent of the total estimated value of the work performed during each period in which the Contractor fails to submit any of the schedules required herein, including Bi-Weekly Updates and Schedule Narrative Reports, and/or fails to conform said schedules with the requirements of this section, as determined by the Engineer.

Thereafter, on subsequent successive estimate periods the percentage the Owner will retain will be increased at the rate of 25 percent per estimate period in which the non-conformance with this specification continues. Retention due to this non-conformance shall be in addition to all other retentions provided for under the Contract. The retention for this non-conformance will be released for payment on the next monthly estimate for partial payment following the date the schedule information is brought back into compliance with this specification.

VOLUME I – ROADWAY IMPROVEMENTS

CONTRACT DRAWINGS

Plan Sheet 7: Summary of Quantities Modified
Plan Sheet 8: Summary of Quantities Modified

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South Capitol Street Near Term
Improvements, Roadway & Pedestrian

Plan Sheets 33-35, 37, 38: Typical Sections, TS-7 thru TS-9, TS-11, TS-12; Modified Detail D – PCC Base under Brick Gutter

Plan Sheet 36: Typical Section, TS-10; Modified Detail E – PCC Base under Brick Gutter

Plan Sheet 51: Paving and Grading Plan, PG-13; Modified location of Wheelchair/Bicycle Ramps

Plan Sheet 62: Curb Location Details, PG-24; Modified location of Wheelchair/Bicycle Ramps

Plan Sheet 85: Utility and Drainage Plan, SL-6; Added WMATA Easement and Datum Note

Plan Sheet 91: Utility and Drainage Plan, SD-12; Modified Pipe Size

Plan Sheet 92: Utility and Drainage Plan, SD-13; Added Manholes P3A, P4A, P5A

Plan Sheet 94: Storm Drain Profiles, SD-15; Added Catchment Chamber to Inlets

Plan Sheet 96: Storm Drain Profiles, SD-17; Added WMATA Easement

Plan Sheet 97: Storm Drain Profiles, SD-18; Added WMATA Easement

Plan Sheet 98: Storm Drain Profiles, SD-19; Added WMATA Easement, revised height of structure and invert of pipe

Plan Sheet 103: Storm Drain Profiles, SD-24; Revised pipe size

Plan Sheet 107: Storm Drain Profiles, SD-28; Revised pipe size and pipe invert elevations

Plan Sheet 108: Storm Drain Profiles, SD-29; Added Manhole and revised pipe slope

Plan Sheet 109: Storm Drain Structure Schedule, SD-30; Revised structure type, height and added note

Plan Sheet 111: Storm Drain Structure Schedule, SD-32; Revised structure type, height and added note

Plan Sheet 112: Storm Drain Structure Schedule, SD-33; Added 3 manholes and note

Plan Sheet 116: Storm Drain Pipe Schedule, SD-37; Added pipe and revised pipe size and length

Plan Sheet 134: Erosion and Sediment Control Plan, ES-12; Revised pipe size

Plan Sheet 135: Erosion and Sediment Control Plan, ES-13; Added 3 manholes

Plan Sheet 149: Pavement Marking Plan, PM 13; Modified location of Wheelchair/Bicycle Ramps

Plan Sheet 162: Signing Plan, SN-13; Modified location of Wheelchair/Bicycle Ramps

Plan Sheet 252: Detail, D-1; Added Granite Curb Bump Out Detail

Plan Sheet 295: Modified Traffic Signal Plan for First Street and N Street, SE

Plan Sheet 296: Modified Traffic Signal Plan for First Street and N Street, SE

Plan Sheet 297: Modified Traffic Signal Plan for First Street and N Street, SE

Plan Sheet 298: Modified Traffic Signal Plan for First Street and N Street, SE

Plan Sheet 308: Replace sheet 308 with revised sheet 308, Traffic Signal Plan for First Street and Potomac Avenue

Plan Sheet 309: Replace sheet 309 with revised sheet 309, Traffic Signal Plan for First Street and Potomac Avenue

Plan Sheet 310: Replace sheet 310 with revised sheet 310, Traffic Signal Plan for First Street and Potomac Avenue

Plan Sheet 311: Replace sheet 311 with revised sheet 311, Traffic Signal Plan for First Street and Potomac Avenue

Plan Sheet 318: Water Main and Sanitary Sewer Plan, U-6; Added WMATA Tunnel Reference Drawing Nos., Easement Limits and Datum Note

Plan Sheet 324: Water Main and Sanitary Sewer Plan, U-12; Revised pipe size

Plan Sheet 325: Water Main and Sanitary Sewer Plan, U-13; Added 3 manholes

Plan Sheet 326: Sanitary Sewer Profiles, U-14; Added WMATA Tunnel Reference Drawing Nos., Easement Limits, Utility Crossings and Datum Note

Plan Sheet 330: Sanitary Sewer Profiles, U-18; Revise the top of manhole SMH-N4A elevation to match finished grade.

SPECIAL PROVISIONS

Revise F.A.P. No. to: NH-1501 (036)
Revise Number of Pages in Specifications to: 119
Revise Number of Pages in Contract Plans to: 332

Page 2 Under Scope of Work, second paragraph, delete “storm sewers” between “... include water mains” and “and sanitary sewers...”

Page 3 At the top of the page, Item 10, delete “Implementation, monitoring and” before “maintenance of vehicular...”

Page 32 S.P. 50, Cobble Pavement, Section D, Measurement and Payment. Revise the unit of measurement to “Square Yards”.

Under Section E, Basis of Payment, revise the Basis of Payment to read: “The number of square yards of cobbles placed and accepted as measured, will be paid for at the contract unit price per square yard which payment will include installing the cobbles, polymeric sand joints, sand setting bed, filter fabric, and all labor, tools, materials and incidentals to accomplish the work specified and as directed by the Engineer.”

Page 34 S.P. 53, PCC Wheelchair/Bicycle Ramp: Revise the special provision name to “Wheelchair/Bicycle Ramp-New Construction and the item number to “609 200”. Revise the first line to read: “This S.P. supplements 609.

Page 36 S.P. 53, PCC Wheelchair/Bicycle Ramp: Revise the last paragraph to read: “Unit of measure for PCC WHEELCHAIR/BICYCLE RAMPS will be Each. Payment for PCC WHEELCHAIR/BICYCLE RAMPS will be made at the contract unit price per Each, which payment will include furnishing and placing all materials and all tools, equipment, and incidentals including Detectable Warning Pavers needed to complete the work specified herein.”

Page 101 Revise the Special Provision number at the top of the page from 101 to 100.

Page 106: S.P. 100, Upgrades to Water and Sewer Authority Facilities: Under Contractor Responsibilities, Item 8, delete “, including any contaminated items and soil,” between “...construction debris” and “as the result...”

VOLUME II – PEDESTRIAN IMPROVEMENTS

CONTRACT PLANS

Plan Sheet 5: Summary of Quantities Modified - Deleted Duplicate Lump Sum Items which also appear in Volume I.

The Contractor shall include the cost of the work required to complete the duplicate items listed above for both Volume I (Roadway Improvements) and Volume II (Pedestrian Improvements) and in the bid prices for the items shown in the Summary of Quantities in Volume I and in the Bid Forms under Section 0001.

SPECIAL PROVISIONS

Revise Number of Pages in Specifications to: 80

Page 23 S.P. 44, PCC Wheelchair/Bicycle Ramps – New Construction, Item 609 200 and PCC Wheelchair/Bicycle Ramps – Existing Construction, Item 609 202:

Revise the second to last paragraph on page 23 to read: “Unit of measure for PCC WHEELCHAIR/BICYCLE RAMPS will be Each. Payment for PCC WHEELCHAIR/BICYCLE RAMPS will be made at the contract unit price per Each, which payment will include furnishing and placing all materials and all tools, equipment, and incidentals including Detectable Warning Pavers needed to complete the work specified herein.”

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: KA2007B0078

PROJECT(S): NH-1501(36)
NH-1501 (040)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 PARTICIPATING ROADWAY WORK - MEAR TERM ROADWAY IMPROVEMENTS

0010	000003 Employee Training	1000.000				
		HR	.		.	
0020	000511 Unassigned Special Item -LS - DESIGN AND ENGINEERING - WASA UPGRADES (SANITARY SEWERS AND WATER MAINS)	LUMP	LUMP			.
0030	108002 Progress Photographs	LUMP	LUMP			.
0040	108004 As-Built Drawings	LUMP	LUMP			.
0050	200005 Earthwork and Excavation Special Item - EACH - ITEM 206 005 - STRUCTURAL SOIL CELLS	EACH	21.000	.	.	
0060	200007 Earthwork and Excavation Special Item - LF - ITEM 202 009 - REMOVE ABANDONED RAILROAD TRACKS	LF	1900.000	.	.	
0070	200007 Earthwork and Excavation Special Item - LF - ITEM 202 011 - REMOVE EXISTING MEDIAN BARRIER	LF	440.000	.	.	

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NH-1501 (040)

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0080	200008 Earthwork and Excavation Special Item - LS - ITEM 205 009 - SPECIAL DEMOLITION	LUMP	LUMP			.
0090	200010 Earthwork and Excavation Special Item - SY - ITEM 213 003 - WOVEN GEOTEXTILE FABRIC F OR SUBGRADE STABILIZATION	SY 36000.000		.		.
0100	201002 Clear and Grub	LUMP	LUMP			.
0110	202002 Common Excavation	CY 13750.000		.		.
0120	202004 Hard Surface Pavement Excavation	CY 16200.000		.		.
0130	204004 Borrow Embankment Fill	CY 500.000		.		.
0140	206991 Structure Backfill Special Item -CY- ITEM 206 003 - STRUCTURAL SOIL	CY 163.000		.		.
0150	207002 Trench Excavation and Backfill	CY 25605.000		.		.
0160	207004 Trench Undercut Excavation	CY 2560.000		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0170	207006 Gravel for Trench Undercut	CY 2560.000	.		.	
0180	207008 Borrow Trench Backfill	CY 1000.000	.		.	
0190	209002 Aggregate Base Course	CY 14850.000	.		.	
0200	212002 Test Pit	EACH 100.000	.		.	
0210	300007 Water and Sewer Service Special Item-LS - UTILITIES (COORDINATION, TEMPORARY, RELOCATION, PERMANENT UPGRADES)	LUMP	LUMP		.	
0220	309002 Sewer Manhole on Sewer 48 Inch and Less Dia.	VLF 352.000	.		.	
0230	309004 Sewer Manhole on Sewer Greater Than 48 In Dia.	VLF 686.000	.		.	
0240	309006 Reinforced PCC Base on Sewers Greater 48 In Dia.	EACH 56.000	.		.	
0250	309991 Sewer Manhole Special Item - EACH - ITEM 311 033 - CLEAN SEWER STRUCTURE	EACH 20.000	.		.	

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SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0260	309991 Sewer Manhole Special Item - EACH - SPECIAL MANHOLE FOR EXISTING SEWERS 48 I N. DIA. AND GREATER	EACH 13.000				
0270	310004 Standard Double Basin	EACH 39.000				
0280	310006 Standard Triple Basin	EACH 4.000				
0290	310008 Basin Connect PCC Pipe, Class III, 15 Inch	LF 1879.000				
0300	310012 Basin Connect PCC Pipe, Class IV, 15 Inch	LF 102.000				
0310	310018 Double Type S Basin	EACH 3.000				
0320	310991 Catch Basins Connecting Pipe Special Item - LF - ITEM 311 035 - CLEAN PCC PIPE	LF 250.000				
0330	310992 Catch Basins Special Item -EACH - ITEM 310 007 - TRIPLE WATER QUALITY CATC H BASIN	EACH 52.000				
0340	311002 Adjust Sewer-Water-Utility Manhole Frame	EACH 42.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0350	311004 Reset Sewer-Water-Utility Manhole Frame	EACH 35.000	.		.	
0360	311020 Manhole Adapter Ring	EACH 50.000	.		.	
0370	312002 Replace Sewer-Water Manhole Frame	EACH 10.000	.		.	
0380	313004 Abandon Sewer Manhole	EACH 1.000	.		.	
0390	313006 Abandon Basin	EACH 15.000	.		.	
0400	314004 PCC Pipe, Class III, Gasket, 15 Inch	LF 91.000	.		.	
0410	314006 PCC Pipe, Class III, Gasket, 18 Inch	LF 1679.000	.		.	
0420	314008 PCC Pipe, Class III, Gasket, 21 Inch	LF 122.000	.		.	
0430	314010 PCC Pipe, Class III, Gasket, 24 Inch	LF 1174.000	.		.	
0440	314012 PCC Pipe, Class III, Gasket, 27 Inch	LF 529.000	.		.	
0450	314014 PCC Pipe, Class III, Gasket, 30 Inch	LF 1324.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0460	314016 PCC Pipe, Class III, Gasket, 33 Inch	LF 367.000	.		.	
0470	314018 PCC Pipe, Class III, Gasket, 36 Inch	LF 144.000	.		.	
0480	315002 Pipe Sewer TV Inspection - LS -	LUMP	LUMP		.	
0490	400008 Asphalt Construction Special Item -SY - ITEM 402 009 - GEOTEXTILE PAVING FABRIC	SY 1350.000	.		.	
0500	402004 Superpave Base Course, 25 mm	TON 12100.000	.		.	
0510	402012 Sperrpave Surface Course, 12.5 mm	TON 5030.000	.		.	
0520	402991 Hot Bituminous Pavement Special Item - TON - ITEM 402 005 - SUPERPAVE LEVELING COURSE , 9.5 MM	TON 315.000	.		.	
0530	403002 Tack Coat	SY 13800.000	.		.	
0540	407002 Temporary AC, Superpave Surface Course, 12.5 mm	TON 100.000	.		.	
0550	502002 PCC Base	CY 125.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0560	502004 PCC Base for Utility Cuts	CY 100.000	.		.	
0570	504002 PCC Driveway-Alley Entrance	CY 160.000	.		.	
0580	505026 Welded Wire Fabric for Repair, Style 66-46	SY 200.000	.		.	
0590	505030 Anchor Bolts - Paving	EACH 100.000	.		.	
0600	506004 Repair PCC Base	CY 200.000	.		.	
0610	506014 Additional Standard Portland Cement	BAGS 100.000	.		.	
0620	600006 Incidental Construction Special Item - EACH - 617009 - F&I FOUND. FOR TS POLE WITH MON OTUBE MAST ARM BEYOND 20 FT. IN LENGTH	EACH 3.000	.		.	
0630	600006 Incidental Construction Special Item - EACH - 617047 - F&I ROUND STEEL MONOTUBE TS POL E W 45 FT. LONG ROUND STEEL MONTUBE ARM	EACH 1.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0640	600006 Incidental Construction Special Item - EACH - 617049 - F&I ROUND STL MONOTUBE TS POLE WITH 55 FT. LONG ROUND STL MONOTUBE ARM	EACH 2.000				
0650	600006 Incidental Construction Special Item - EACH - ITEM 617 125 - FURNISH AND INSTALL CCTV CAMERA AND ASSOCIATED EQUIPMENT	EACH 3.000				
0660	600009 Incidental Construction Special Item - LF - ITEM 608029 - EDGE RESTRAINT	LF 240.000				
0670	600009 Incidental Construction Special Item - LF - ITEM 611 075 - TREE PIT GUARD	LF 526.000				
0680	600011 Incidental Construction Special Item - LS - ITEM 611 151 - TREE PROTECTION AND REPLACEMENT	LUMP	LUMP			
0690	600013 Incidental Construction Special Item - SF - ITEM 611 060 - ROOT BARRIER	SF 1164.000				
0700	601004 PCC Median Strip	CY 3.000				
0710	602010 Standard PCC Coping	CY 25.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0720	602012 Special PCC Coping SPECIAL PCC COPING	CY 63.000	.		.	
0730	602991 Minor Structures Special Item - CY - ITEM 602005 - PCC GRAVITY RETAINING WALL WITH BRICK MASONRY FACING	CY 216.000	.		.	
0740	603004 Underdrain Pipe, 6 Inch	LF 10450.000	.		.	
0750	603991 Underdrain Special Item - LF - 603012 UNDERDRAIN CONNECT PIPE 6 INCH	LF 1040.000	.		.	
0760	606002 Pavement Profiling (Milling)	SY 13800.000	.		.	
0770	607991 Misc. Fencing Special Item - LF - ITEM 607 005 - TEMPORARY FENCE	LF 5000.000	.		.	
0780	608004 PCC Sidewalk, 4 Inch	SY 11830.000	.		.	
0790	608992 Sidewalks & Driveway Special Item - SY - ITEM 608 009 - EXPOSED AGGREGATE SIDEWA LK, 5 INCH	SY 335.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0800	608992 Sidwalks & Driveway Special Item - SY - ITEM 608 025 - GRANITE COBBLE PAVEMENT	SY 133.000	.		.	
0810	608992 Sidwalks & Driveway Special Item - SY - ITEM 608 027 - CONCRETE COBBLE PAVEMENT	SY 253.000	.		.	
0820	609008 PCC Curb and Gutter, 15 to 18 Inch Depth	LF 5830.000	.		.	
0830	609014 PCC Circular Curb and Gutter, 15 to 18 Inch Depth	LF 860.000	.		.	
0840	609018 PCC Curb, Over 15 to 18 Inch Depth	LF 200.000	.		.	
0850	609040 PCC Circular Curb for Alley-Drive Entrance	LF 180.000	.		.	
0860	609068 Furnish and Set 8"x12" Granite Straight Curb	LF 2365.000	.		.	
0870	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	LF 255.000	.		.	
0880	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	LF 257.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0890	609086 Reset Stone Curb	2340.000 LF	.		.	
0900	609090 Salvage Stone Curb	1700.000 LF	.		.	
0910	609200 PCC Wheelchair/Bicycle Ramp - New Construction	88.000 EACH	.		.	
0920	609500 Brick Gutter	4870.000 LF	.		.	
0930	610002 Seed	3680.000 SY	.		.	
0940	610018 Sod with 3 Inch Topsoil	490.000 SY	.		.	
0950	610054 Topsoil	305.000 CY	.		.	
0960	610060 Mulch	1008.000 SY	.		.	
0970	611777 Platanus acerifolia Bloodgood (Bloodgood Sycamore) 2 - 2 1/2 Inch Cal., B&B	13.000 EACH	.		.	
0980	611933 Tilia cordata 'Greenspire' (Greenspire Linden) 2 - 2 1/2 Inch Cal., B&B	3.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0990	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611 351 - CELTIS X OCCIDENTALIS 'MA GNIFICA' 2 - 2 1/2 INCH CAL. B&B	EACH 5.000				
1000	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611 956 - ULMUS AMERICANA 'PRINCETO N' 2 - 2 1/2 INCH CAL. B&B	EACH 6.000				
1010	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611101 - FURNISH BICYCLE RACK	EACH 110.000				
1020	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611105 - FURNISH WASTE RECEPTACLE	EACH 50.000				
1030	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611153 - FURNISH TREE	EACH 100.000				
1040	612002 Mobilization	LUMP	LUMP			
1050	614992 PCC Traffic Barriers Special Item - LF - ITEM 614 013 - INSTALL PORTABLE PCC BARRIER	LF 4875.000				

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1060	614992 PCC Traffic Barriers Special Item - LF - ITEM 614015 - MOVE PORTABLE PCC BARRIER	LF 8650.000	.		.	
1070	616004 Construction Lane Closing	LUMP	LUMP		.	
1080	616006 Remove Lane Markings	SF 14500.000	.		.	
1090	616008 Temporary Construction Sign Supports	EACH 121.000	.		.	
1100	616012 Construction Warning and Detour Signs	SF 884.000	.		.	
1110	616014 Reflectorized Traffic Cones	EACH 150.000	.		.	
1120	616016 Flashing Amber Warning Lights, Type "B"	EACH 220.000	.		.	
1130	616020 Sequential Arrow Boards	EACH 5.000	.		.	
1140	616022 Construction Sign Warning Flags	EACH 26.000	.		.	
1150	616024 Type III PVC Barricade	EACH 68.000	.		.	
1160	616028 Traffic Drums	EACH 150.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1170	616040 Thermoplastic Pavement Marking, 4 Inch	15850.000 LF	.		.	
1180	616042 Thermoplastic Pavement Marking, 4 Inch Dash	6960.000 LF	.		.	
1190	616044 Thermoplastic Pavement Marking, 6 Inch	8320.000 LF	.		.	
1200	616046 Thermoplastic Pavement Marking, 6 Inch Dash	890.000 LF	.		.	
1210	616050 Thermoplastic Pavement Marking, 12 Inch	1405.000 LF	.		.	
1220	616052 Thermoplastic Pavement Letter	16.000 EACH	.		.	
1230	616054 Thermoplastic Pavement Arrow	26.000 EACH	.		.	
1240	616060 Painted Lane Marking, 4 Inch	5000.000 LF	.		.	
1250	616082 TRUCK MOUNTED ATTENUATOR - DAILY RATE TRUCK MOUNTED ATTENUATOR - DAILY RATE	240.000 DAYS	.		.	
1260	616100 Sand-Filled Impact Attenuator Module	38.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1270	616110 PORTABLE CHANGABLE MESSAGE SIGN	EACH 2.000	.		.	
1280	616122 Steel Protection Plate	EACH 10.000	.		.	
1290	616992 Traffic Control Special Item - EACH - ITEM 616 053 - THERMOPLASTIC BICYCLE LAN E SYMBOL	EACH 17.000	.		.	
1300	616994 Traffic Control Special Item - LF - ITEM 616 051 - THERMOPLASTIC PAVEMENT MA RKING 24 INCH	LF 8800.000	.		.	
1310	616994 Traffic Control Special Item - LF - ITEM 616 071 - REMOVABLE PREFORMED PAVEM ENT MARKING 4 INCH	LF 25000.000	.		.	
1320	617002 Furnish And Install Inductive Loop Detector	LF 1340.000	.		.	
1330	617008 Furnish And Install Pcc Foundation For Traffic Signal Pole O r Pendant Post Street Light Pole	EACH 28.000	.		.	
1340	617010 Furnish And Install 3 Foot By 3 Foot Electrical Manhole	EACH 13.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1350	617014 Furnish And Install One 2 Inch Pvc Encased Electrical Conduit	LF 225.000	.		.	
1360	617016 Furnish And Install One 4 Inch Pvc Encased Electrical Conduit	LF 310.000	.		.	
1370	617024 Furnish And Install Galvanized Steel Transformer Base	EACH 26.000	.		.	
1380	617026 Furnish And Install 28 Foot 6 Inch Tall Pendant Post Street Light Pole	EACH 15.000	.		.	
1390	617028 Furnish And Install Handbox	EACH 7.000	.		.	
1400	617030 Furnish And Install One 2 Inch And Two 4 Inch Pvc Encased Electrical Conduits	LF 95.000	.		.	
1410	617032 Furnish And Install One 2 Inch And One 4 Inch Pvc Encased Electrical Conduits	LF 550.000	.		.	
1420	617034 Furnish And Install Four 4 Inch Pvc Encased Electrical Conduits	LF 1280.000	.		.	
1430	617038 Furnish And Install Pcc Foundation For Controller Cabinet	EACH 4.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1440	617046 Furnish And Install 20 Foot Tall Steel Traffic Signal Pole	EACH 13.000	.		.	
1450	617048 Furnish And Install 8 Foot Long Mast Arm With Clamp And Remo veable End Cap	EACH 11.000	.		.	
1460	617050 Furnish And Install 7 Conductor 14 Awg Stranded Electrical T raffic Signal Cable	LF 10010.000	.		.	
1470	617052 Furnish And Install 4 Conductor 18 Awg Shielded, Stranded El ectrical Traffic Signal Cable	LF 7645.000	.		.	
1480	617058 Furnish And Install 25 Pair 19 Awg Underground Communication s Cable	LF 5040.000	.		.	
1490	617068 Furnish Red Ball Led Module	EACH 46.000	.		.	
1500	617070 Furnish Yellow Ball Led Module	EACH 46.000	.		.	
1510	617072 Furnish Green Ball Led Module	EACH 46.000	.		.	
1520	617076 Furnish Yellow Arrow Led Module	EACH 1.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1530	617078 Furnish Green Arrow Led Module	EACH 1.000	.		.	
1540	617084 Furnish 12 Inch Overlay Lunar White Walking Person And Portl and Orange Raised Hand Led Module	EACH 28.000	.		.	
1550	617086 Furnish 12 Inch Portland Orange Countdown Led Module	EACH 28.000	.		.	
1560	617090 Furnish And Install 3 Section Conventional Traffic Signal He ad On A Pole (All Lenses 12?)	EACH 23.000	.		.	
1570	617094 Furnish And Install 5 Section Conventional Traffic Signal He ad On A Pole (All Lenses 12?)	EACH 1.000	.		.	
1580	617096 Furnish And Install 3 Section Conventional Traffic Signal He ad On A Mast Arm (All Lenses 12?)	EACH 14.000	.		.	
1590	617108 Furnish And Install 3 Section Optically Programmable Traffic Signal Head On A Mast Arm (All Lenses 12?)	EACH 8.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1600	617114 Furnish And Install 2 Section Conventional Pedestrian Signal Head On A Pole (12?)	EACH 28.000	.		.	
1610	617118 Furnish And Install Pedestrian Push Button	EACH 10.000	.		.	
1620	617120 Furnish And Install Microwave Vehicle Detector	EACH 5.000	.		.	
1630	617124 Furnish And Install Traffic Signal Controller And Cabinet	EACH 4.000	.		.	
1640	617130 REMOVE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL EQUIPMENT	EACH 9.000	.		.	
1650	618016 Furnish and Install 36" x 36" x 36" Manhole	EACH 4.000	.		.	
1660	618022 Furnish and Install 48" x 48" x 48" Manhole	EACH 28.000	.		.	
1670	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	LF 5253.000	.		.	
1680	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duc t bank)	LF 1263.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1690	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Cond uits (duct bank)	LF 1860.000	.		.	
1700	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Cond uits (duct bank)	LF 1301.000	.		.	
1710	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	LF 1125.000	.		.	
1720	618190 Furnish and Install #10 Stranded Wire	LF 29882.000	.		.	
1730	618202 Furnish and Install #6 Stranded Wire	LF 3456.000	.		.	
1740	618250 Furnish and Install #0000 Stranded Wire	LF 17522.000	.		.	
1750	618292 Furnish and Install #8 Stranded Ground Wire	LF 14286.000	.		.	
1760	618298 Furnish and Install #6 Stranded Ground Wire	LF 1580.000	.		.	
1770	618310 Furnish and Install #2 Stranded Ground Wire	LF 5744.000	.		.	
1780	618394 Furnish and Install 15" B.C. Street Light Foundation	EACH 65.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1790	618400 Remove Street Light Pole Foundation	41.000 EACH	.		.	
1800	618486 Furnish and Install #16 Cast Iron Pole	52.000 EACH	.		.	
1810	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	3.000 EACH	.		.	
1820	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	9.000 EACH	.		.	
1830	618566 Remove Pendant Pole 30 ft. Height or Less	41.000 EACH	.		.	
1840	618652 Furnish up to 8 ft. Arm for Pendant Pole	19.000 EACH	.		.	
1850	618760 Furnish and Install 250 Watt HPS Tear Drop Fixture	28.000 EACH	.		.	
1860	618796 Furnish and Install 150 Watt HPS Conversion Kit	52.000 EACH	.		.	
1870	618802 Furnish and Install 250 Watt HPS Conversion Kit	6.000 EACH	.		.	
1880	618860 Furnish and Install 118 Plastic Globe	6.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1890	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618861 - FURNISH AND INSTALL GLASS PRISMATIC GLOBE	EACH 52.000		.		.
1900	618993 ELECTRICAL WORK SPECIAL ITEM -LF- 618 151 - FUR AND INST 6-4" AND 3-2" SCHEDULE 40 RIGID PVC CONDUITS (DUCT BANK)	LF 535.000		.		.
1910	618993 ELECTRICAL WORK SPECIAL ITEM -LF- 618 153 - FUR INST 6-4" AND 4-2" SCHEDULE 40 RIGID PVC CONDUITS (DUCT BANK)	LF 125.000		.		.
1920	618999 Payment to PEPCO for Connection, Disconnection, Inspection ..	LUMP	LUMP		125000.00	
1930	620014 Traffic Sign Panels	SF 384.000		.		.
1940	620032 Remove Existing Ground Mounted Sign	SF 322.000		.		.
1950	620040 Federal Aid Project Sign	EACH 2.000		.		.
1960	620991 Traffic Signing Special Item - LF - ITEM 620 009 - METAL SIGN POST	LF 932.000		.		.

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			DOLLARS	CTS	DOLLARS	CTS
1970	620992 Traffic Signing Special Item - SF - ITEM - REMOVE AND RELOCATE SIGN AND SUPPORT	SF 208.000		.		.
1980	624002 Engineer's Field Facilities	LUMP	LUMP			.
1990	625002 Field Layout	LUMP	LUMP			.
2000	627006 4-Bay Quad Guard Impact Attenuator [24 Inch Wide]	EACH 1.000		.		.
2010	628002 Erosion and Sediment Control	LUMP	LUMP			.
2020	709002 Steel Railing STEEL RAILING FOR RETAINING WALL	LF 393.000		.		.
2030	709006 Pipe Handrail PIPE HANDRAIL FOR SPECIAL PCC COPING	LF 780.000		.		.
	SECTION 0001 TOTAL					.

SECTION 0002 PARTICIPATING ROADWAY WORK - NEAR TERM PEDESTRIAN IMPROVEMENTS

2040	000003 Employee Training	HR 1000.000		.		.
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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2050	200008 Earthwork and Excavation Special Item - LS - ITEM 209 001 - FULL DEPTH ASPHALT PAVEMENT DESIGN	LUMP	LUMP			.
2060	200010 Earthwork and Excavation Special Item - SY - ITEM 213003 - WOVEN GEOTEXTILE FABRIC FOR SUBGRADE STABILIZATION	SY 3300.000		.		.
2070	202002 Common Excavation	CY 500.000		.		.
2080	202004 Hard Surface Pavement Excavation	CY 1225.000		.		.
2090	204004 Borrow Embankment Fill	CY 100.000		.		.
2100	207002 Trench Excavation and Backfill	CY 85.000		.		.
2110	207004 Trench Undercut Excavation	CY 10.000		.		.
2120	207006 Gravel for Trench Undercut	CY 10.000		.		.
2130	207008 Borrow Trench Backfill	CY 10.000		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2140	209002 Aggregate Base Course	850.000 CY	.		.	
2150	309002 Sewer Manhole on Sewer 48 Inch and Less Dia.	34.000 VLF	.		.	
2160	309991 Sewer Manhole Special Item - EACH - ITEM 311 033 - CLEAN SEWER STRUCTURE	8.000 EACH	.		.	
2170	310004 Standard Double Basin	6.000 EACH	.		.	
2180	310008 Basin Connect PCC Pipe, Class III, 15 Inch	204.000 LF	.		.	
2190	310018 Double Type S Basin	8.000 EACH	.		.	
2200	310991 Catch Basins Connecting Pipe Special Item - LF - ITEM 311 035 - CLEAN PCC PIPE	359.000 LF	.		.	
2210	313002 Abandon Basin Connecting Pipe	40.000 EACH	.		.	
2220	313006 Abandon Basin	2.000 EACH	.		.	
2230	314004 PCC Pipe, Class III, Gasket, 15 Inch	72.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2240	402004 Superpave Base Course, 25 mm	1000.000 TON	.		.	
2250	402012 Sperrpave Surface Course, 12.5 mm	5300.000 TON	.		.	
2260	403002 Tack Coat	46000.000 SY	.		.	
2270	407002 Temporary AC, Superpave Surface Course, 12.5 mm	100.000 TON	.		.	
2280	500005 Portland Cement Concrete Construction Special Item - LF - ITEM 506 001 - CLEAN AND SEAL EXPANSION JOINTS	2000.000 LF	.		.	
2290	502002 PCC Base	70.000 CY	.		.	
2300	502004 PCC Base for Utility Cuts	50.000 CY	.		.	
2310	505026 Welded Wire Fabric for Repair, Style 66-46	100.000 SY	.		.	
2320	505030 Anchor Bolts - Paving	100.000 EACH	.		.	
2330	506004 Repair PCC Base	575.000 CY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2340	506014 Additional Standard Portland Cement	100.000 BAGS	.		.	
2350	601008 PCC Pedestrian Island	4.000 CY	.		.	
2360	602008 PCC Steps	3.000 CY	.		.	
2370	602991 Minor Structures Special Item - CY - ITEM 602 007 - BRICK MASONRY WALL	45.000 CY	.		.	
2380	605030 Rub Rail	1660.000 LF	.		.	
2390	605040 Reset W Beam/Thrie Beam Guiderail	3500.000 LF	.		.	
2400	605042 Extra Guiderail Components	50.000 LBS	.		.	
2410	606002 Pavement Profiling (Milling)	46000.000 SY	.		.	
2420	607016 Vinyl Clad Chain Link Fence, 8 Ft. Ht.	70.000 LF	.		.	
2430	607038 Remove Existing Chain Link Fence	200.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2440	607991 Misc. Fencing Special Item - LF - ITEM 607 005 TEMPORARY FENCE	LF 1000.000	.		.	
2450	608004 PCC Sidewalk, 4 Inch	SY 2300.000	.		.	
2460	608016 Repair-Replace PCC Sidewalk, 4 Inch	SY 1450.000	.		.	
2470	608024 Brick Sidewalk on PCC Base	SY 10.000	.		.	
2480	609008 PCC Curb and Gutter, 15 to 18 Inch Depth	LF 280.000	.		.	
2490	609018 PCC Curb, Over 15 to 18 Inch Depth	LF 60.000	.		.	
2500	609022 PCC Circular Curb, 15 to 18 Inch Depth	LF 60.000	.		.	
2510	609024 PCC Mountable Curb and Gutter, 10 to 13 Inch Depth	LF 2560.000	.		.	
2520	609026 PCC Circular Mountable Curb and Gutter, 10 to 13 Inch Depth	LF 110.000	.		.	
2530	609028 PCC Mountable Curb, 10 to 13 Inch Depth	LF 4700.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2540	609030 PCC Circular Mountable Curb, 10 to 13 Inch Depth	90.000 LF	.		.	
2550	609068 Furnish and Set 8"x12" Granite Straight Curb	280.000 LF	.		.	
2560	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	30.000 LF	.		.	
2570	609200 PCC Wheelchair/Bicycle Ramp - New Construction	31.000 EACH	.		.	
2580	609202 PCC Wheelchair/Bicycle Ramp - Existing Construction	47.000 EACH	.		.	
2590	609500 Brick Gutter	240.000 LF	.		.	
2600	609992 Curb, Gutter, & Paved Flume Special Item - SY - ITEM 609 201 - DETECTABLE WARNING PAVERS ON EXISTING SIDEWALK RAMPS	6.000 SY	.		.	
2610	610002 Seed	600.000 SY	.		.	
2620	610012 Renovate Grass	700.000 SY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2630	610018 Sod with 3 Inch Topsoil	SY 100.000	.		.	
2640	610054 Topsoil	CY 50.000	.		.	
2650	610060 Mulch	SY 50.000	.		.	
2660	611004 Remove Tree and Stump 6 to 12 Inch Dia.	EACH 7.000	.		.	
2670	611596 Koelreuteria paniculata (Panicled Goldenraintree) 8 - 10 Ft. Ht., B&B	EACH 3.000	.		.	
2680	611702 Narcissus Bulb [state variety] - NARCISSUS 'DELIBES'	EACH 360.000	.		.	
2690	611853 Quercus phellos (Willow Oak) 3 - 3 1/2 Inch Cal., B&B	EACH 6.000	.		.	
2700	611928 Tilia cordata (Littleleaf Linden) 3 - 3 1/2 Inch Cal., B&B	EACH 1.000	.		.	
2710	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611 103 - WASTE RECEPTACLE	EACH 2.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2720	611999 Tree, Shrub, Vine, & Ground Cover Special Item - EACH - ITEM 611 641 - LIRIOPE MUSCARI 'BIG BLUE ' (BIG BLUE LILY TURF)	EACH 360.000		.		.
2730	614992 PCC Traffic Barriers Special Item - LF - ITEM 614 013 - INSTALL PORTABLE PCC BARRIER	LF 560.000		.		.
2740	614992 PCC Traffic Barriers Special Item - LF - ITEM 614 015 - MOVE PORTABLE PCC BARRIER	LF 400.000		.		.
2750	616006 Remove Lane Markings	SF 2460.000		.		.
2760	616008 Temporary Construction Sign Supports	EACH 14.000		.		.
2770	616012 Construction Warning and Detour Signs	SF 146.000		.		.
2780	616014 Reflectorized Traffic Cones	EACH 25.000		.		.
2790	616016 Flashing Amber Warning Lights, Type "B"	EACH 6.000		.		.
2800	616022 Construction Sign Warning Flags	EACH 10.000		.		.

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			DOLLARS	CTS	DOLLARS	CTS
2810	616028 Traffic Drums	10.000 EACH	.		.	
2820	616036 Double-Faced Yellow Raised Reflective Pavement Markers	5.000 EACH	.		.	
2830	616040 Thermoplastic Pavement Marking, 4 Inch	18000.000 LF	.		.	
2840	616042 Thermoplastic Pavement Marking, 4 Inch Dash	12820.000 LF	.		.	
2850	616044 Thermoplastic Pavement Marking, 6 Inch	3170.000 LF	.		.	
2860	616046 Thermoplastic Pavement Marking, 6 Inch Dash	900.000 LF	.		.	
2870	616050 Thermoplastic Pavement Marking, 12 Inch	3120.000 LF	.		.	
2880	616052 Thermoplastic Pavement Letter	44.000 EACH	.		.	
2890	616054 Thermoplastic Pavement Arrow	37.000 EACH	.		.	
2900	616082 TRUCK MOUNTED ATTENUATOR - DAILY RATE TRUCK MOUNTED ATTENUATOR - DAILY RATE	240.000 DAYS	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2910	616100 Sand-Filled Impact Attenuator Module	4.000 EACH	.		.	
2920	616110 PORTABLE CHANGABLE MESSAGE SIGN	2.000 EACH	.		.	
2930	616122 Steel Protection Plate	10.000 EACH	.		.	
2940	616992 Traffic Control Special Item - EACH - FURNISH AND INSTALL 10 FOOT PEDESTRIAN S IGNAL POLE FOR PEDESTRIAN SIGNAL HEAD	1.000 EACH	.		.	
2950	616994 Traffic Control Special Item - LF - ITEM 616 051 - THERMOPLASTIC PAVEMENT MA RKING 24 INCH	8780.000 LF	.		.	
2960	616994 Traffic Control Special Item - LF - ITEM 616 071 - REMOVABLE PREFORMED PAVEM ENT MARKING 4 INCH	1360.000 LF	.		.	
2970	617008 Furnish And Install Pcc Foundation For Traffic Signal Pole O r Pendant Post Street Light Pole	2.000 EACH	.		.	
2980	617014 Furnish And Install One 2 Inch Pvc Encased Electrical Condui t	115.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2990	617016 Furnish And Install One 4 Inch Pvc Encased Electrical Conduit	LF 40.000	.		.	
3000	617026 Furnish And Install 28 Foot 6 Inch Tall Pendant Post Street Light Pole	EACH 1.000	.		.	
3010	617028 Furnish And Install Handbox	EACH 2.000	.		.	
3020	617050 Furnish And Install 7 Conductor 14 Awg Stranded Electrical Traffic Signal Cable	LF 354.000	.		.	
3030	617052 Furnish And Install 4 Conductor 18 Awg Shielded, Stranded Electrical Traffic Signal Cable	LF 346.000	.		.	
3040	617084 Furnish 12 Inch Overlay Lunar White Walking Person And Portl and Orange Raised Hand Led Module	EACH 2.000	.		.	
3050	617086 Furnish 12 Inch Portland Orange Countdown Led Module	EACH 2.000	.		.	
3060	617114 Furnish And Install 2 Section Conventional Pedestrian Signal Head On A Pole (12?)	EACH 2.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
3070	617118 Furnish And Install Pedestrian Push Button	EACH 2.000	.		.	
3080	618010 Furnish and Install 24" x 24" x 24" Manhole	EACH 4.000	.		.	
3090	618022 Furnish and Install 48" x 48" x 48" Manhole	EACH 5.000	.		.	
3100	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duc t bank)	LF 185.000	.		.	
3110	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Cond uits (duct bank)	LF 140.000	.		.	
3120	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Cond uits (duct bank)	LF 95.000	.		.	
3130	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	LF 1478.000	.		.	
3140	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supp lemental to already specified duct bank)	LF 1117.000	.		.	
3150	618190 Furnish and Install #10 Stranded Wire	LF 5610.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
3160	618250 Furnish and Install #0000 Stranded Wire	LF 5844.000	.		.	
3170	618292 Furnish and Install #8 Stranded Ground Wire	LF 2805.000	.		.	
3180	618310 Furnish and Install #2 Stranded Ground Wire	LF 1948.000	.		.	
3190	618394 Furnish and Install 15" B.C. Street Light Foundation	EACH 49.000	.		.	
3200	618470 Furnish and Install #14 Cast Iron Pole	EACH 12.000	.		.	
3210	618486 Furnish and Install #16 Cast Iron Pole	EACH 16.000	.		.	
3220	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	EACH 12.000	.		.	
3230	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	EACH 3.000	.		.	
3240	618760 Furnish and Install 250 Watt HPS Tear Drop Fixture	EACH 8.000	.		.	
3250	618796 Furnish and Install 150 Watt HPS Conversion Kit	EACH 9.000	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: KA2007B0078

PROJECT(S): NH-1501(36)
NH-1501 (040)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3260	618802 Furnish and Install 250 Watt HPS Conversion Kit	EACH 47.000	.		.	
3270	618860 Furnish and Install 118 Plastic Globe	EACH 56.000	.		.	
3280	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618 461 - FURNISH AND INSTALL PEDES TRIAN TUNNEL LUMINAIRE	EACH 6.000	.		.	
3290	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- ITEM 618 929 - FURNISH AND INSTALL HAND BOX 18"X11"	EACH 26.000	.		.	
3300	618999 Payment to PEPCO for Connection, Disconnection, Inspection PAYMENT TO PEPCO FOR CONNECTION AND DISCONNECTION OF SERVICE TO STREETLIGHTS	LUMP	LUMP		50000.00	
3310	620014 Traffic Sign Panels	SF 54.000	.		.	
3320	620040 Federal Aid Project Sign	EACH 2.000	.		.	
3330	620991 Traffic Signing Special Item - LF - ITEM 620 009 - METAL SIGN POST	LF 132.000	.		.	

District Department of Transportation

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DATE:

SCHEDULE OF ITEMS

REVISED:

CONTRACT ID: KA2007B0078

PROJECT(S): NH-1501(36)
NH-1501 (040)

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3340	709004 Steel Bridge Railing STEEL BRIDGE RAILING FOR M STREET OVERPASS	LF 125.000				
	SECTION 0002 TOTAL					
	TOTAL BID					